Please replace the paragraph appearing at page 64, lines 15-16, with the following paragraph:

Figures 2A and 2B show the nucleotide sequence of the clone P00210_D09 (SEQ ID NO:2). The total length of this sequence is 1031 bases.

In the Claims

Please amend claims 1-6 and 8 as indicated below. Please add new claims 30-33. For the Examiner's convenience, non-amended pending claim 7 is also listed below.

1. (Twice amended) An isolated nucleic acid molecule comprising a poly- or oligonucleotide selected from the group consisting of:

(a) a polynucleotide encoding a polypeptide having at least 90% sequence identity with SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model;

(b) a polynucleotide encoding a polypeptide having at least 90% sequence identity with amino acids 22 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model;

(c) a polynucleotide encoding a polypeptide having at least 90% sequence identity with amino acids 56 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model;

(d) a polynucleotide encoding amino acids 22 to 275 of SEQ ID NO:1, or a transmembrane domain deleted or inactivated variant thereof, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model;

(e) a polynucleotide encoding at least about 50 contiguous amino acids from amino acids 22 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model;

(f) a polynucleotide encoding at least about 50 contiguous amino acids from amino acids 56 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model; and

(g) the complement of a polynucleotide of (a) - (f).

2. (Once amended) The polynucleotide of claim 1 encoding a polypeptide comprising amino acids 22 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model.

3. (Once amended) The polynucleotide of claim 1 encoding a polypeptide comprising amino acids 56 to 122 of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model.

4. (Once amended) The polynucleotide of claim 1 encoding a polypeptide comprising the sequence of SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model.

5. (Once amended) A vector comprising a poly- or oligonucleotide of claim 1.

6. (Once amended) A recombinant host cell transformed with a nucleic acid molecule comprising a poly- or oligonucleotide of claim 1.

7. (Reiterated) A recombinant host cell transformed with the vector of claim 5.

8. (Once amended) A method for producing a polypeptide comprising culturing a recombinant host cell transformed with a nucleic acid molecule comprising a polynucleotide of claim 1 under conditions such that the polypeptide is expressed, and isolating the polypeptide.

30. (New) An isolated polynucleotide encoding a polypeptide comprising a native mammalian homologue having at least 90% amino acid sequence identity to SEQ ID NO:1, wherein the complement of said polynucleotide detects, by microarray analysis, a polynucleotide that is differentially expressed by at least about 1.8-fold in an in vivo or in vitro cardiac disease model.

31. (New) An isolated polynucleotide comprising SEQ ID NO:2 or the coding region of SEQ ID NO:2.